

**United States Environmental Protection Agency  
Region VI  
POLLUTION REPORT**

**Date:** Saturday, June 20, 2009

**From:** Gary Moore

**Subject:** Norphlet Chemical Inc.  
600 MacMillian Road, Norphlet, AR  
Latitude: 33.3093000  
Longitude: -92.6560000

<b>POLREP No.:</b>	12	<b>Site #:</b>	A6N8
<b>Reporting Period:</b>	6/15/09 to 6/20/09	<b>D.O. #:</b>	
<b>Start Date:</b>	4/16/2009	<b>Response Authority:</b>	CERCLA
<b>Mob Date:</b>	4/16/2009	<b>Response Type:</b>	Emergency
<b>Demob Date:</b>		<b>NPL Status:</b>	Non NPL
<b>Completion Date:</b>		<b>Incident Category:</b>	
<b>CERCLIS ID #:</b>		<b>Contract #</b>	
<b>RCRIS ID #:</b>			

**Site Description**

On April 16, 2009 OSC Nancy Jones and START were dispatched to Norphlet Chemical Inc. (NCI) located outside El Dorado AR. It is reported NCI is storing Anhydrous Hydrogen Fluoride and Anhydrous Hydrogen Fluoride Mixtures totaling 34,054 gallons in an unsafe manner that may lead to a AHF release from the plant. The plant is located next to the Norphlet K - 12 School Complex. The school is closed on April 17 th.

START will arrive on scene late this evening (approx 12:01 AM, April 17) to begin perimeter air monitoring. OSC Jones will drive to Texarkana tonight and be on scene early tomorrow morning. Additionally, a START HF expert will be in route to the scene (arrival 4/17 PM). Initially, EPA will collect data to determine if there is an air release and determine if the site poses an imminent and substantial threat to the community. EPA is coordinating closely with the local authorities, ADEQ, ADEM, and DHS.

NCI is a chemical manufacturing facility specializing in producing refrigerant (R134A) used in automobiles. It is reported the facility is out of business.

NCI is located at 600 MacMillian (State Hwy 335) at the former location of the MacMillian Oil Refinery.

**Current Activities**

The EPA treated ~ 75,000 gallons of decontamination water through a carbon filtering system on-site and into roll-off boxes. After filtering, the decontamination water was neutralized with acetic acid, sampled for waste characterization and currently waiting for analytical results.

Scrap metal from the former demoed Frak Tank was cut into smaller pieces, placed into roll-off boxes and is ready to be transported to a scrap metal yard.



Part of an air vapor line going into TT-13 found to have HF vapors present. This line was neutralized this week.

**Next Steps**

11 drums containing TCE contaminated liquid from the Chiller Units being sent to Herman Chemical.

Dispose of solid waste pile

Discharge carbon treated water in Frak Tanks (after final check on analytical data)

Ship off site remaining untreated decontamination water

Ship end of July Trucks containing HF (Dana and Kelly Trucks)

[www.epaossc.org/Norphle\\_tChemical\\_Inc](http://www.epaossc.org/Norphle_tChemical_Inc)